

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kenneth (NMI) Schofield, Mark L. Larson and Keith J. Vadas

For : REARVIEW VISION SYSTEM FOR VEHICLE  
INCLUDING PANORAMIC VIEW

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Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 CFR 1.51, 1.56, 1.97 and 1.98, Applicants submit herewith patents, publications or other information listed on attached Forms PTO-1449 for consideration by the Examiner in connection with examination of the present application.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

Under 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

The Examiner's attention is respectfully directed to the patents and publications listed on the attached Forms PTO-1449.

United States Patent 5,670,935, which issued on September 23, 1997; United States Patent 5,949,331, which issued on September 7, 1999; United States Patent 6,222,447, which issued on April 24, 2001; United States Patent 6,498,620, which issued on December 24, 2002, and United States Patent 6,611,202, which will issue on August 26, 2003, to the above-named inventors; United States Patent 5,798,575, which issued on August 25, 1998, to Desmond J. O'Farrell, Roger L. Veldman and Kenneth Schofield; United States Patent 5,550,677, which issued on August 27, 1996; and United States Patent 5,877,897, which issued on March 2, 1999, to Kenneth Schofield and Mark Larson, are commonly assigned with the present application.

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Page : 2

United States patent application Serial No. 10/324,679, filed on December 20, 2002,  
is commonly assigned with the present application.

With the exception of United States patent application Serial No. 10/324,679, copies  
of the documents listed on Forms PTO-1449 are not submitted herewith because they were  
previously cited by or submitted to the Office in one or more of the parent applications.

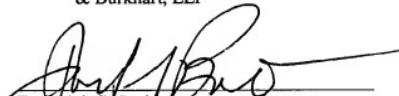
The Examiner is kindly requested to consider the United States patents listed on the  
attached PTO-1449 Forms during the examination of the above-identified application,  
making the references of record, and to return an initialed copy of the PTO-1449 Forms to the  
undersigned attorney.

An early and favorable action on the merits is respectfully requested.

Respectfully submitted,

KENNETH (NMI) SCHOFIELD,  
MARK L. LARSON and  
KEITH J. VADAS

By: Van Dyke, Gardner, Linn  
& Burkhart, LLP



Frederick S. Burkhart  
Registration No. 29 288  
2851 Charlevoix Drive, S.E., Suite 207  
Post Office Box 888695  
Grand Rapids, Michigan 49588-8695  
(616) 975-5500

Dated: August 19, 2003.

FSB:djr  
DON01 P-1087

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO.	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT								APPLICANTS Kenneth Schofield et al.	
(Use several sheets if necessary)								FILING DATE	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
/DC/		4	9	1	0	5	9	1	03/90	Petrossian et al.			
		5	0	2	7	2	0	0	06/91	Petrossian et al.			
		5	2	8	9	3	2	1	02/94	Secor			
		4	7	1	3	6	8	5	12/87	Nishimura et al.			
		5	4	3	0	4	3	1	07/95	Nelson			
		5	4	1	0	3	4	6	04/95	Saneyoshi et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
		0	5	1	3	4	7	6 A1	11/92	EPC			Y N
		3	2	4	8	5	1	1 A1	07/84	Germany			Full

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL													
/DC/	A-1	Kobe, Gerry, "Hypnotic Wizardry! (interior electronics)," <i>Automotive Industries</i> , Vol. 169, No. 5, p. 60, published May, 1989. Relevant section is entitled "INSTRUMENTATION."											

EXAMINER	/David Czekaj/	DATE CONSIDERED	03/29/2008
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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/DC/		5	4	0	6	3	9	5	04/95	Wilson et al.			
		5	3	8	6	2	8	5	01/95	Asayama			
		5	3	5	5	1	1	8	10/94	Fukuhara			
		5	3	3	1	3	1	2	07/94	Kudoh			
		5	3	2	5	0	9	6	06/94	Pakett			
		5	3	0	7	1	3	6	04/94	Saneyoshi			

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
													Y N
↓		2	5	8	5	9	9	1	02/87	France			Full
		5	8	2	0	9	6	3	5	12/83	Japan		Abst.
		5	5	0	3	9	8	4	3	03/80	Japan		Abst.

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
/DC/	A-2	SAE Information Report, "Vision Factors Considerations in Rear View Mirror Design -- SAE J985 OCT88," approved October, 1988, and located in 1995 SAE Handbook, Vol. 3.

EXAMINER	/David Czekaj/	DATE CONSIDERED	03/29/2008
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/DC/		5	2	4	5	4	2	2	09/93	Borcherts et al.			
		5	1	2	1	2	0	0	06/92	Choi			
		5	0	9	6	2	8	7	03/92	Kakinami et al.			
		5	0	0	1	5	5	8	03/91	Burley et al.			
		4	9	8	7	3	5	7	01/91	Masaki			
		4	9	7	0	6	5	3	11/90	Kenne			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
		6	2	1	2	2	8	4	4	06/87	Japan		
↓		9	3	4	0	3	7	08/63		U.K.			Abst.

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
/DC/✓		Commonly assigned co-pending patent application Ser. No. 10/324,679, filed on Dec. 20, 2002, entitled VEHICULAR VISION SYSTEM (Our Ref.: DON01 P-1059).

EXAMINER	/David Czekaj/	DATE CONSIDERED	03/29/2008
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/DC/		4	9	3	7	7	9	6	06/90	Tendler			
		4	8	9	2	3	4	5	01/90	Rachael, III			
		4	8	7	2	0	5	1	10/89	Dye			
		4	8	4	7	7	7	2	07/89	Michalopoulos et al.			
		4	8	2	5	2	3	2	04/89	Howdle			
		4	7	8	9	9	0	4	12/88	Peterson			

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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		2	2	5	5	5	3	9 A	11/92	U.K.			
		2	1	3	7	5	7	3 A	10/84	U.K.			

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/DC/		4	7	3	1	6	6	9	03/88	Hayashi et al.			
		4	6	3	0	1	0	9	12/86	Barton			
		4	6	2	6	8	5	0	12/86	Chey			
		4	4	2	0	2	3	8	12/83	Felix			
		4	2	8	8	8	1	4	09/81	Talley et al.			
		4	2	7	7	8	0	4	07/81	Robison			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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↓		2	2	4	4	1	8	7	11/91	U.K.			
		5	0	0	0	0	6	3	8	01/93	Japan		Full

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
/DC/		4	2	4	7	8	7	0	01/81	Gabel et al.		
		4	2	1	4	2	6	6	07/80	Myers		
		4	0	9	3	3	6	4	06/78	Miller		
		4	0	5	2	7	1	2	10/77	Obama et al.		
		3	6	8	9	6	9	5	09/72	Rosenfield et al.		
		3	1	4	1	3	9	3	07/64	Platt		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
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↓		6	2	1	2	2	4	8	7	06/87	Japan		Full
		3	0	0	6	1	1	9	2	03/91	Japan		Full

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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/DC/	5	5	7	4	4	4	3	11/96	Hsieh			
	5	5	4	1	5	9	0	07/96	Nishio			
	5	5	2	9	1	3	8	06/96	Shaw et al.			
	5	5	1	5	4	4	8	05/96	Nishitani			
	5	4	1	4	4	6	1	05/95	Kishi et al.			
	4	5	4	9	2	0	8	10/85	Kamejima et al.			
	4	2	1	4	2	6	6	07/80	Myers			

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EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	2	6	7	3	4	9	9	09/92	France			Full
	2	6	7	2	8	5	7	08/92	France			Full

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
/DC/		5	3	4	1	4	3	7	08/94	Nakayama			
		5	3	2	5	3	8	6	06/94	Jewell et al.			
		5	3	0	5	0	1	2	04/94	Faris			
		5	7	9	3	3	0	8	08/98	Rosinski et al.			
		5	6	7	0	9	3	5	09/97	Schofield et al.			
		5	8	7	7	8	9	7	03/99	Schofield et al.			
		5	5	5	0	6	7	7	08/96	Schofield et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
↓		4	0	2	4	5	8	8	6	09/92	Japan			Y N
		6	0	2	6	1	2	7	5	1985	Japan			Full X

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		

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/DC/		5	9	4	9	3	3	1	09/1999	Schofield et al.		
		5	7	9	8	5	7	5	08/1998	O'Farrell et al.		
		5	7	9	3	4	2	0	08/1998	Schmidt		
		5	9	5	9	5	5	5	09/1999	Furuta		
		5	4	2	4	9	5	2	06/1995	Asayama		
		4	8	1	7	9	4	8	04/1989	Simonelli		
		5	6	3	4	7	0	9	06/1997	Iwama		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
		0	5	1	3	4	7	6 A1				Y N
		0	5	1	3	4	7	6 A1	11/1992	Europe		
		5	5	0	3	9	8	4	03/1980	Japan		Abstract Only
	↓	5	8	1	1	0	3	3	06/1983	Japan		x
		0	1	1	2	3	5	8	05/1989	Japan		x
	wO	9	6	2	1	5	8	1 A	07/1996	World		

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
/DC/		Search Report from corresponding European Patent Application No. EP 96 91 6533

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
/DC/		5	7	8	1	4	3	7	07/1998	Wiemer et al.			
		5	5	3	0	4	2	0	06/1996	Tsuchiya et al.			
		6	4	9	8	6	2	0	12/2002	Schofield et al.			
		6	2	2	2	4	4	7	04/2001	Schofield et al.			
	↓	6	6	1	1	2	0	2	08/2003	Schofield et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
		Y	N										

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